

Notice of Allowability

Application No.

09/482,181

Examiner

Shawn S. An

Applicant(s)

ESBENSEN, DANIEL

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/15/06.
2. ☒ The allowed claim(s) is/are 33-43 and 45-53.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

I. An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

IN THE CLAIMS:

A) Please amend claims 33 and 45 as follows:

33. (CURRENTLY AMENDED): A method of viewing image data from a plurality of cameras comprising:

- at said cameras, capturing data sets representing images;
 - at said cameras, periodically transmitting said data sets to a plurality of camera coordinators, a plurality of said camera coordinators each receiving data sets from multiple cameras;
 - at said camera coordinators, determining whether one or more of said data sets is of interest;
 - transmitting data sets of interest from said camera coordinators over a network to an image server, said image server not local to one or more of said cameras; and
 - providing said data sets from said image server for viewing by a user.
- and further wherein:
- said coordinators include an incident and history database from which their connected cameras can playback stored incidents;
 - said coordinators can connect multiple incidents, triggered at multiple cameras, into an incident sequence;
 - said coordinators have positional and view information about each camera and information about overlapping regions of cameras;

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said coordinators perform time-stamping for data sets and/or incidents;

~~said coordinator~~ providing a management interface allowing a user to perform various management functions, ~~such as~~ including setting time parameters for whether incidents from particular cameras will be of interest, establishing other rules definitions; specifying alerts regarding cameras that have not reported; installing new software and other maintenance functions;-

said coordinators performing advanced image processing tasks ~~such as~~ including image recognition or tracking a person or object identified in an image or determining that an object is coming toward or moving away from one or more of its connected cameras.

45. (CURRENTLY AMENDED): A surveillance system comprising:

a plurality of cameras able to capture data sets representing images;

said cameras periodically transmitting said data sets to a plurality of camera coordinators, a plurality of said camera coordinators each receiving data sets from multiple cameras;

said camera coordinators including logic modules able to determine whether one or more of said data sets is of interest based on analysis of said data sets representing images;

an image server not local to one or more of said cameras able to receive data sets of interest from said camera coordinators over a network and able to provide said data sets for viewing by a user;

data storage operationally connected to said image server for holding multiple data sets of interest for viewing by a user;-

further wherein:

said system includes an incident and history database from which to playback stored incidents;

said coordinators can connect multiple incidents, triggered at multiple cameras, into an incident sequence;

said coordinators have positional and view information about each camera and information about overlapping regions of cameras;

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said coordinators perform time-stamping for data sets and/or incidents;

said coordinators performing advanced image processing tasks including image recognition or tracking a person or object identified in an image or determining that an object is coming toward or moving away from one or more of its connected cameras; and

a management interface allowing a user to perform various management functions, including setting time parameters for whether incidents from particular cameras will be of interest, establishing other rules definitions; specifying alerts regarding cameras that have not reported; installing new software and other maintenance functions.

REMARKS:

II. Claims 33 and 45 have been amended as discussed above, as authorized by Applicant's attorney, Stephen J. LeBlanc (Reg. No. 36,579) on 5/26/06.

III. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to *Shawn S. An* whose telephone number is 571-272-7324.



**SHAWN AN
PRIMARY EXAMINER**

5/26/06

Reasons for Allowance

1. As per Applicant's instructions as filed on 3/15/06, claims 1-32 and 44 have been canceled, claim 33 has been amended, and claims 45-53 have been newly added.

2. Claims 33-43 are allowed

3. Claims 45-53 are allowed after entering the Examiner's Amendment as discussed in the EXAMINER'S AMENDMENT section.

4. Claims 33-43 and 45-53 as amended are allowed as having incorporated novel features (emphasis added on amended independent claim limitations as a whole) as discussed in the last Office action as filed on 6/10/05

The prior art of record fails to anticipate or make obvious the novel features as discussed.

Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

6. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to *Shawn S. An* whose telephone number is 571-272-7324.

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7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



SHAWN AN
PRIMARY EXAMINER

5/26/06